Japan Tobacco Inc. Clinical development (as of August 9, 2007)

Code	Stage	Indication	Mechanism	Characteristics	Rights
JTT-705 (oral)	Phase1(JPN)	Dyslipidemia	CETP inhibitor	Decreases LDL and increases HDL by inhibition of CETP -CETP:Cholesteryl Ester Transfer Protein, facilitates transfer of cholesteryl ester from HDL to LDL -HDL:High density lipoprotein, Good Cholesterol -LDL:Low density lipoprotein, Bad Cholesterol	Roche (Switzerland) obtains the rights to develop and commercialize this compound worldwide, with the exception of Japan.
JTT-130 (oral)	Phase2(JPN) Phase2(Overseas)	Hyperlipidemia	MTP inhibitor	Treatment of hyperlipidemia by reducing absorpiton of cholesterol and triglyceride via inhibitioin of MTP MTP:Microsomal Triglyceride Transfer Protein	
JTK-303 (oral)	Phase1(JPN)	HIV	Integrase inhibitor	Integrase inhibitor which works by blocking integrase, an enzyme that is involved in the replication of HIV (HIV:Human Immunodeficiency Virus)	Gilead Sciences (U.S.) obtains the rights to develop and commercialize this compound worldwide, with the exception of Japan.
JTT-302 (oral)	Phase2(Overseas)	Dyslipidemia	CETP inhibitor	Decreases LDL and increases HDL by inhibition of CETP -CETP:Cholesteryl Ester Transfer Protein, facilitates transfer of cholesteryl ester from HDL to LDL -HDL:High density lipoprotein, Good Cholesterol -LDL:Low density lipoprotein, Bad Cholesterol	
JTT-305 (oral)	Phase2(JPN) Phase1(Overseas)	Osteoporosis	CaSR antagonist	Increases BMD and decreases new vertebral fractures by accelerating endogenous PTH secretion via antagonism of circulating Ca on CaSR in parathyroid cells -BMD: Bone Mineral Density -PTH: Parathyroid Hormone -CaSR: Calcium-Sensing Receptor	
JTT-552 (oral)	Phase1(JPN)	Hyperuricemia	URAT1 inhibitor	Decreases serum urate concentration by increasing urinary urate excretion via inhibition of URAT1. -URAT 1: Urate Transporter 1	
JTT-553 (oral)	Phase1(Overseas)	Obesity	DGAT1 inhibitor	Reduces fat absorption from the small intestine and inhibits fat synthesis in adipose tissue via inhibition of DGAT1 -DGAT1: Acyl CoA: diacylglycerol acyltransferase 1	
JTT-651 (oral)	Phase1(JPN)	Type 2 diabetes mellitus	GP inhibitor	Decreases blood glucose by suppression of glucose output from liver via inhibition of GP -GP:Glycogen Phosphorylase	

Changes from the previous announcement on April 27, 2007:

Development of JTT-551 was terminated.
JTT-553 entered into clinical trial stage overseas.
JTT-651 entered into clinical trial stage in Japan.